

Appendix



Basic Linux Commands covered in the textbook

Command	Usage
type	To check whether a command is internal or external
cal	To display calendar as per users requirement
date	To display current date and system time
bc	To initiate command line calculator
echo	To display message on terminal
passwd	To change the password of the current user
clear	To clear the content on the screen
man	To display the manual of a specified command
whatis	To display small description of a specified command
apropos	To display list of all commands with a specified string
pwd	To display the path of current working directory
mkdir	To create a directory
cd	To change a directory
rmdir	To remove a directory
cat	To create a file or to display contents of file
rm	To delete/remove a file
ls	To see the list of contents in a given directory
cp	To copy a file
mv	To rename a file or directory or to change location of file

more	To show one page of output on screen at a time
cmp	To compare two files
diff	To compare two files and display the contents where the difference lies.
wc	To count characters, words or number of lines
chmod	To change the permissions of file or directory
head	To display lines from the beginning of the file
tail	To display lines from the end of the file
cut	To cut the file vertically
paste	To paste contents of two files together
sort	To arrange the files in ascending or descending order
tr	To translate (convert) strings or patterns from one set of characters to another
grep	To search for strings or patterns within a file
find	To search for file/directory
sudo	To run command as a super user
adduser	To add new user to system
who	To display information of all users currently logged in the system
addgroup	To add user group to the system
deluser	To delete a user from the system
delgroup	To delete a user group form the system
sh	To execute specified shell script
bash	To execute specified shell script
who am i	To display information of the user currently logged in the system
ps	To see the processes associated with the current shell
kill	To kill (remove from main memory) the process with specified id.
tar	To compress (pack) a file/directory

